CLAIMS

What is claimed is:

4.

for the object device includes:

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1	1.	A method for correcting a network address for an object device,			
2	the method comprising:				
3		(a) reading, from a record, a recorded network address and a			
4	recorded uni	que enduring identification for the object device;			
5		(b) querying the recorded network address for a returned unique			
6	enduring identification;				
7		(c) comparing the returned unique enduring identification with			
8	the recorded unique enduring identification; and,				
9		(d) responsive to a mismatch between the returned unique			
10	enduring ide	ntification and the recorded unique enduring identification, finding a			
11	current network address for the object device and replacing the recorded				
12	network add	dress with the current network address.			
1	2.	The method of claim 1 wherein querying the recorded network			
2	address for	a returned unique enduring identification includes:			
3		(a) addressing a unique enduring identification query to the			
4	recorded ne	twork address; and,			
5		(b) receiving the response to the query.			
1	3.	The method of claim 1 wherein querying the recorded network			
2	address for a returned unique enduring identification includes performing an				
3	SNMP Get	call to the recorded network address.			

The method of claim 1 wherein finding a current network address

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3		(a)	reading, from the record, a recorded hostname for the object		
4	device; and,				
5		(b)	retrieving the current network address for the recorded		
6	hostname.				
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1	5.		nethod of claim 1 wherein finding a current network address		
2	for the object	t devi	ce includes:		
3		(a)	reading, from the record, a recorded hardware address for		
4	the object de	evice;			
5		(b)	sending an network multicast request for hardware		
6	addresses;				
7		(c)	receiving responses to the network multicast for hardware		
8	addresses;				
9		(d)	searching the responses for a response having a match to		
10	the recorded	l hardv	vare address; and,		
11		(e)	extracting the current network address from the response		
12	having a ma	tch to	the recorded hardware address.		
1	6.	The	method of claim 5 further including iteratively repeating steps		
2	(b) through	(d) unt	il a match to the recorded hardware address is found in the		
3	responses.				
1	7.	The i	method of claim 1 further including iteratively repeating steps		
2	(b) through	gh (d) until a match occurs between the returned unique enduring			
3	identification	n and t	the recorded unique enduring identification.		
1	8.	A sy	stem for correcting a network address for an object device,		
2	the system	compr	ising:		
3		(a)	a record having a recorded network address and a recorded		

unique enduring identification for an object device;

5		(b)	a reader configured to read, from the record, the recorded			
6	network address and the recorded unique enduring identification for the object					
7	device;					
8		(c)	an interrogator configured to query the recorded network			
9	address for	a retur	ned unique enduring identification;			
10		(d)	a comparator configured to compare the returned unique			
11	enduring identification with the recorded unique enduring identification; and,					
12		(e)	a rectifier configured to respond to a mismatch between the			
13	returned unique enduring identification and the recorded unique enduring					
14	identification, by finding a current network address for the object device and					
15	replacing the recorded network address with the current network address.					
1	9.	The	system of claim 8 wherein the investigator includes:			
2		(a)	a dispatcher configured to address a unique enduring			
3	identification	n quer	to the recorded network address; and,			
4		(b)	a receiver configured to receive the response to the query.			
1	10.	The :	system of claim 8 wherein the investigator includes a manage			
2	configured to perform an SNMP Get call to the recorded network address.					
1	11.	The	system of claim 8 wherein:			
2		(a)	the record further includes a recorded hostname for the			
3	object devic	e;				
4		(b)	the reader is further configured to read, from the record, a			
5	recorded ho	stnam	e for the object device; and,			
6		(c)	wherein the rectifier includes a retriever configured to			
7	retrieve the current network address for the recorded hostname.					

12. The system of claim 8 wherein:

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2	(a)	the re	ecord further includes a recorded hardware address for	
3	the object device;			
4	(b)	the re	eader is further configured to read, from the record, a	
5	recorded hardware	addres	ss for the object device; and,	
6	(c)	the re	ectifier includes:	
7		(i)	a broadcaster configured to send a network multicast	
8	request for hardware addresses;			
9		(ii)	a listener configured to receive responses to the	
10	network multicast	for har	dware addresses;	
11		(ii)	an investigator configured to search the responses for	
12	a response having	a matc	ch to the recorded hardware address; and	
13		(iv)	an extractor configured to extract the current	
14	network address from the response having a match to the recorded hardware			
15	address.			
1	13. A pr	ogram :	storage device readable by a computer, tangibly	
2	embodying a prog	ram, ap	oplet, or instructions executable by the computer to	
3	perform method steps for correcting a network address for a object device, the			
4	method steps con	nprising	:	
5	(a)	readi	ng, from a record, a recorded network address and a	
6	recorded unique e	nduring	identification for the object device;	
7	(b)	quer	ying the recorded network address for a returned unique	
8	enduring identifica	ation;		
9	(c)	com	paring the returned unique enduring identification with	
10	the recorded uniq	ue endı	uring identification; and,	
11	(d)	resp	onsive to a mismatch between the returned unique	
12	enduring identifica	ation ar	nd the recorded unique enduring identification, finding a	
13	current network address for the object device and replacing the recorded			

network address with the current network address.

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(d)

the recorded hardware address; and,

1	14.	The program storage device of claim 13 wherein the method step			
2	of querying	the recorded network address for a returned unique enduring			
3	identification includes:				
4		(a)	addressing a unique enduring identification query to the		
5	recorded net	work a	ddress; and,		
6		(b)	receiving the response to the query.		
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1	15.	The pr	ogram storage device of claim 13 wherein the method step		
2	of querying	of querying the recorded network address for a returned unique enduring			
3	identification includes performing an SNMP Get call to the recorded network				
4	address.				
1	16.	The p	rogram storage device of claim 13 wherein the method step		
2	of finding a	current	network address for the object device includes:		
3		(a)	reading, from the record, a recorded hostname for the object		
4	device; and,				
5		(b)	retrieving the current network address for the recorded		
6	hostname.				
1	17.	The p	rogram storage device of claim 13 wherein the method step		
2	of finding a	current	network address for the object device includes:		
3		(a)	reading, from the record, a recorded hardware address for		
4	the object d	evice;			
5		(b)	sending a network multicast request for hardware		
6	addresses;				
7		(c)	receiving responses to the network multicast for hardware		
8	addresses;				

searching the responses for a response having a match to

- 11 (e) extracting the current network address from the response 12 having a match to the recorded hardware address.
- 1 18. The program storage device of claim 17 wherein the method steps 2 further included iteratively repeating steps (b) through (d) until a match to the 3 recorded hardware address is found in the responses.
- 1 19. The program storage device of claim 13 wherein the method steps 2 further included iteratively repeating steps (b) through (d) until a match occurs 3 between the returned unique enduring identification and the recorded unique 4 enduring identification.